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(A) LENGTH: 797 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: cDNA

(vii) IMMEDIATE SOURCE:
 (B) CLONE: U-013

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

CGGCACGAGG NAGAACCTTT TGACAGAGTT GTTGTCATGG CAACAAAAGC TTCTCTCTCC	60
ATAAAGGCTT TTGCCTTGCT GGTTCAGTC CTTGTAGCAG TTCCAACAAG AGTGCAATCG	120
ATTGGTGTCT GCTACGGCAT GCTCGGCAAC AATCTTCCCC CGCCACGCGA GGTGGTCAGT	180
CTCTACAAAT CCAACAACAT CGCGAGGATG AGACTCTACG ATCCAACCA AGCCGCCCTG	240
CAAGCCCTCA GGAAGTCCAA CATCCAAGTC CTGTTGGATG TCCCCGATC CGACGTGCAG	300
TCACTGGCCT CCAATCCTTC GGC CGCGGC GACTGGATCC GGAGGAACGT CGTCGCCTAC	360
TGGCCACGCG TCTCCTTCG ATACATAGCT GTCGGAAACG AGCTGATCCC CGGATCGGAT	420
CTGGCGCAGT ACATCTCTCC CGCCATGCGC AACATCTACA ATGCTTTGTC CTGCGCTGGC	480
CTGCAAAACC AGATCAAGGT CTCGACCGCG GTCGACACGG CGCTCCTCGG CAGCTCCTAC	540
CCTCCCTCCG CCGGCGCCTT CTCTCCGCC GCCCAGCGT TACCTGACN CCATCGTGCA	600
GTTCCTGGCG ANTAACGGAA CGCGCTCTCT GGTCAATGTG TACCTTATTT TAACACACC	660
GGCAACCCGG GANAGATCTC GCTGCCTACN CCTGTTCAC GGCNCGGGG TCTCTGCAG	720
GATGGCGGAA TTCCNCTATC ANAANCTGTT CANTCCATCT TCNAAACCGG TCTTCCCGGG	780
CTGGAACAAA TTGGAAG	797

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 792 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: cDNA

(vii) IMMEDIATE SOURCE:
 (B) CLONE: U-0136

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

GGCAGCAGGA GAACCCCTTT GACAGAGTTG TTGTCATGGC AACAAAAGCT TCTCTCTCCA	60
TAAAGGCTT TGCCCTTGCTG GTTTCAGTCC TTGTAGCAGT TCCAACAAGA GTGCAATCGA	120
TTGGTGTCTG CTACGGAATG CTCGGCAACA ATCTTCCCCC GCCCAGCGAG GTGGTCAGTC	180
TCTACAAATC CAACAACATC GCGAGGATGA GACTCTACGA TCCAACACG GCCGCCCTGC	240
AAGCCCTCAG GAACTCCAAC ATCCAAGTCC TGTGGATGT CCCCAGATCC GACGTGCACT	300

	CACTGGCCTC CAATCCTTCG GCGGCGGGG ACTGGATCCG GAGGGAACGT CGTCGCCTAC	360
	TGGCCACGCG TCTCCTTCG ATACATAGCT GTCGGAACG ANCTGATCCC CGGATCGGAT	420
5	CTGGCGCAGT ACATCCTCCC CGCCATGCGC AACATCTACA ATGCTTTGTC CTCGGCTGGC	480
	CTGCAAAACC AGATCAAGTT CTCCGACCGC GGTGACACG GCGTCTCTCC GCACGTCTTA	540
10	CCCTCCCTCC GCGCGSGGCC TTCTCCTCCG CGGCCAAGC GTNCTGANCC CCATCGTGCA	600
	NTTCTTTGGC GAAATAACGG ANGCCCGCTC CCNGGTCCAT GTTTTCCCT TATTTTAACT	660
	ACNCCGGCAA CCCNGGAAAG ATTTCGTGTC CCTACGCCC CTGTGTTCC NNGGGGCTTC	720
15	CCGGCGCTTT CTTCCTTTC CAGGGANING GGGCGAATTC CCNNCTTTTC CANAAACCTT	780
	GTTCACAAC CC	792

(2) INFORMATION FOR SEQ ID NO: 7:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 855 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: cDNA

(vii) IMMEDIATE SOURCE:
 (B) CLONE: U-U21

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

	CGGCACGAGT CTCTCTCTGT CTCTCCGTCG TCTCGTTGTC TGTCGTTAG GGCTTCCGAT	60
	CGCCACCGGT CGCGAGGGTT GGAGCCATGG AATTCTTGCG GTTTGGGGCT GAGGTGGCGG	120
40	CAGGAGAGGA AGCCGCGACG GGGTACTGGA TGCATGGCA GACGCTCGTC TGGCTCTGA	180
	TGTCGTCGCG CCCGCGGTCG GCGCGGTGG TTGTCGCGGC GCGGCGCGCG GCGCCGGCGC	240
45	GACCGCTCAG GCGCGTCGAT CTCTGGGCGC CGTGTCTGGC CGGATGCAC CCGCCCTGGC	300
	TTCTCGGTA CCGCGGCTTC NTGTTCTTGG CCATGGCGTG GCTACTCTTC CANATGATT	360
50	TGTTTCGCGG ATTCTCCGCG TTCTACTTCT ATACTCAGTG GACGTTTGGC TTAGTCATTG	420
	TCTATTTTGC GATCGCAACC ATTATATCCG CCCATGGCTG CTGGCTTAC TCAAGAGAA	480
	GTATTATGCC AGATCAGGAG GTCAACAGAT TCTAAATGG TGGTTTTGAG CANAATAGTC	540
55	CTATGACTCT ACCTTTGAGG ACCAACAAAA ATATGAATGT TATAAGATTG CAAAGCTATC	600
	NTGAACAGGA NGCTGATGAA NAAAAANCTG GATTTTGGGG TCCTGCTATG CNACTNGTCT	660
60	ATCAAAACCA TTGCANGTGC TGTAATTGTT GAAANACATT GTATTTTGGG NTCNTNCTAA	720
	TACCATATT GTCTTCTATA AATTTAGGC TAAATGCTAT AATGGGCTGC ATGCATTCTC	780
	TTAATGCTGT GTTTCTTCNA ATCCAACACT TTTCTCAATA ACCTGCCATT CCGNTNTTTC	840
65	NAATGGCATT TTTGC	855

(2) INFORMATION FOR SEQ ID NO: 8:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 722 base pairs
 (B) TYPE: nucleic acid

(C) STRANDEDNESS: single
(D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: cDNA

(vii) IMMEDIATE SOURCE:
(B) CLONE: U-U31

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

CGGCACGAGA	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA	60
GAGAGAGAGC	CTAGACCGGC	ATCNTCGTGC	TTGCCGAGGG	GCGGCTTATG	120
GTGCCACTGG	GCATCCCAGC	TTCGTCNTGT	CCTGCTCCTT	CACCANCCAN	180
GTGATNGCAC					
NACTGGANTT	ATGGANGGAA	ANGGCGACCG	GCNNGTACGA	NAAGAANGTC	240
TATGTGCTGC					
CCANGCNTCT	GGATGAGAGG	GTGGCNGCGC	TCCNCTCGG	CAAGCTGGGT	300
GCCNCGCTCA					
CCNAGCTTAC	NCNCTCGGG	GCTGATTACA	TTAGCGTCCC	GATCGAGGGA	360
CCCTACANGC					
CTGCTCACTA	CNGGTATTNG	GTTTGCTTNT	GCNAGAGACG	ATGATNATAN	420
NTCGAGACAC					
TGGCNTTTTC	GACTIONAGT	TTGACCGATG	GCTATGTTGG	TTTGCTTTT	480
CACCTTTTGT					
CTTCCCATCT	TTGCTGGTTC	ACCTATGGAC	GTTTGTTCCA	TTTGGATGTN	540
NTGAGAAATG					
CTGATGGCAT	TTTCGGAAAN	AAAAANATNT	AAAATCNCGA	GAGTTCTTCT	600
ANAGCGGCCG					
CGGGCCCNCT	NNTTTTCGCC	CGGGTGGGGT	ACCANHTTGG	TTGTNCCCNT	660
TCCCCCTNTT					
TGAGTCCTTT	TACTNCCCTT	GGCCGTCGTT	TTATACNCTG	TTGACTGGGA	720
ANACCTGCGC					
NT					722

(2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 793 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: cDNA

(vii) IMMEDIATE SOURCE:
(B) CLONE: U-U131

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

GGCACGAGCC	TTGCCCAACT	CCTTCGATTC	GTTCCAACGA	TCGGAGAATG	60
GCGCTGCTGG					
TGGAGAANAC	GTCGACGGGA	CGCGAGTACA	AGGTGAAGGA	CCTTTCTCAG	120
GCTGACTTCG					
GCCGCCTCGA	GATCGAGCTG	GCGGAGGTGG	AGATGCCGGG	CCTCATGGCG	180
TGCCCGCGCG					
AGTTCGGGCC	CGCCAAACCT	TTCCGCCGGC	CCCGCATCTC	CGGCTCCCTC	240
CACATGACCA					
TCCAGACCGC	CGTCCCTCAT	GAGACCCCTCA	CCGCCCTCGG	TGCTGAAGTC	300
CGGTGGTGCT					
CCTGCAACAT	CTTCTCCACC	CAGGACCACG	CCGCTGCCCG	CATTGCCCGC	360
GACTCOGCGC					
CCGTCTTCGC	CTGAAGGGA	GAGACCCTCG	CCGAGTACTG	GTGGTGACCC	420
GAGCGATGCC					